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ART 34 AMDT.

CLAIMS

1. A detergent composition comprising an enzyme which is at least partially encapsulated within water-soluble particles in a gel, the particles comprising a water-soluble encapsulating agent, wherein the particles have a migration speed in the gel of less than one centimetre per month.
2. A composition according to claim one, wherein the migration speed of the particles is less than 0.7 cm per month.
3. A composition according to claim 1 or 2, wherein the migration speed of the particles is less than 0.4 cm per month.
4. A composition according to claim 1, 2 or 3, wherein the composition has a viscosity greater than 4,000 mPas, more preferably greater than 6,000 mPas and most preferably greater than 10,000 mPas.
5. A composition according to any one of claims 1 to 4, wherein the gel contains a thickening agent.
6. A composition according to claim 5, wherein the thickening agent is polyacrylic acid.
7. A composition according to any one of claims 1 to 6, wherein the composition has a density of greater than 1.1 g/cm³, more preferably greater than 1.2 g / cm³ and most preferably greater than 1.4 g / cm³.
8. A composition according to any one of claims 1 to 7, wherein the gel is substantially water free having a water content of less than 5%.

9. A composition according to any one of claims 1 to 7, wherein the gel has a water content of from 5 to 65%; more preferably from 20 to 65% and most preferably from 35 to 65%.
10. A composition according to claim 8 or 9, wherein the non-aqueous portion of the composition has a salt content of at least 70%, more preferably at least 80% and more preferably at least 90%.
11. A composition according to claim 10, wherein the salt is a phosphate, sulphate, carboxylate or hydroxycarboxylate.
12. A composition according to claim 11, wherein the salt is a citrate salt.
13. A composition according to any one of claims 1 to 12, wherein the gel comprises from 0.05 to 5% enzyme.
14. A composition according to any one of claims 1 to 13, wherein the composition comprises a plurality of enzymes.
15. A composition according to any one of claims 1 to 14, wherein the particles contain an enzyme such that the ratio of gel enzyme to particle enzyme is between 5:1 and 20:1.
16. A composition in accordance with any one of claims 1 to 15, wherein the enzyme is a protease and/or an amylase.
17. A composition in accordance with any one of claims 1 to 16, wherein an enzyme stabilising aid is present in the gel in an amount of from 0.05 to 20% (expressed as a percentage based upon the whole composition).
18. A composition in accordance with claim 17, wherein the stabilising aid is a water-miscible organic solvent.

19. A composition in accordance with claim 18, wherein the water-miscible organic solvent is propylene glycol.
20. A composition in accordance with claim 17, wherein the stabilising aid is a soluble calcium salt.
21. A composition in accordance with any one or claims 1 to 14, wherein the particles comprise a stabilising aid in an amount of from 40 to 70% of the weight of the particles.
22. A composition in accordance with claim 21, wherein the stabilising aid is a sugar and/or a starch.
23. A composition in accordance with any one of claims 1 to 22, wherein the gel and the particles have a difference in density of no greater than 0.9 g / cm^3 , more preferably no greater than 0.6 g / cm^3 and most preferably no greater than 0.3 g / cm^3 .
24. A composition in accordance with claim 24, wherein the particles contain a density aid.
25. A composition in accordance with any one of claims 1 to 23, wherein the particles contain a dye / a pigment
26. A composition in accordance with any one of claims 1 to 24, wherein more than 80% of the particles have a particle size from 50 to 1,000 micrometres, more preferably from 200 to 800 micrometres and most preferably from 400 to 700 micrometres.
27. A composition in accordance with any one of claims 1 to 26 for use in dishwashing and / or laundry applications.

28. An aqueous boron-free detergent composition comprising an enzyme, a stabilising amount of an organic water-miscible solvent, wherein the composition comprises between 5 to 60% of water with at least 70% of the remainder of the composition comprising a water soluble ionic salt.
29. A composition in accordance with either claim 27 or claim 28 and further in combination with any one of claims 1 to 25.
30. A method of dishwashing and / or laundry comprising the use of a detergent composition in accordance with any one of claims 1 to 29.